AUTHOR INDEX

Assaad FA, Jordan H: Karst terranes and environmental aspects 228

Alexiades V, Jacobs GK, Dunbar NW: Constraints on mass balance of soil moisture during in situ vitrification 83

Balchand AN, Nair SM: Fractionation of phosphorus in the sediments of a tropical estuary 284

Bodhankar N, Chatterjee B: Pollution of limestone aquifer due to urban waste disposal around Raipur, Madhya Pradesh, India 209

Crawford NC, Ulmer CS: Hydrogeologic investigations of contaminant movement in karst aquifers in the vicinity of a train derailment near Lewisburg, Tennessee 41

Das BK, Singh M, Borkar MD: Sediment accumulation rate in the lakes of Kumaun Himalaya, India using ^{210}Pb and ^{222}Ra 114

El-Naqa A: Estimation of transmissivity from specific capacity data in fractured carbonate rock aquifer, central Jordan 73

Emmett AJ, Telfer AL: Influence of karst hydrology on water quality management in southeast South Australia 149

Engelman R: Substaining water: Population and the future of renewable water supplies 296

Fernández-Turiel JL, de Carvalho W, Cabañas M, Querol X, López-Soler A: Mobility of heavy metals from coal fly ash 264

Gillieson DS, Cochrane JA, Murray A: Surface hydrology and soil movement in an arid karst: the Nullarbor Plain, Australia 125

Grimes KG: The South-East Karst Province of South Australia 134

Hagan WW: The role of the state geological surveys in environmental geology 166

Hay BJ: Sediment and water discharge rates of Turkish Black Sea rivers before and after hydropower dam construction 276

Huang W, Campredon R, Abrao JJ, Bernat M, Latouche C: Variation of heavy metals in recent sediments from Piratininga Lagoon (Brazil): interpretation of geochemical data with the aid of multivariate analysis 241

Hudak PF: Groundwater modeling applied to production well management in a contaminated aquifer 119

Käss WA: Hydrological tracing practice on underground contaminations 23

Kargbo DM: Chemical contaminant reactions and assessment of soil cleanup levels for protection of groundwater 105

Kodosky LG: An evaluation of residential air radon concentrations and related variables in southeast Michigan, USA 65

Komatina SM: Geophysical methods application in groundwater natural protection against pollution 53

Lacalle Pareja B, Gómez Artola C, López Vera F: Contribution of nitrogen and phosphorus by precipitation in the drainage basin of the Santillana Reservoir (Madrid) 99

Lagerstedt E, Jacks G, Sefe F: Nitrate in groundwater and N circulation in eastern Botswana 60

Lindholm RC: Information derived from soil maps: Areal distribution of bedrock landslide distribution and slope steepness 271

Martyčák K, Zeman J, Vacek-Veselý M: Supergene processes on ore deposits—a source of heavy metals 156

Mathews WH, Bustin RM: Trace metal geochemistry of peat under a sanitary landfill—a reconnaissance 14

Mendonça AF, Pires ACB, Barros JGC: Pseudosinkhole occurrences in Brasilia, Brazil 36

Mourtzas ND, Marinos PG: Upper Holocene sea-level changes: Paleogeographic evolution and its impact on coastal archaeological sites and monuments 1

Panno SV, Wiebel CP, Heigold PC, Reed PC: Formation of regolith-collapse sinkholes in southern Illinois: Interpretation and identification of associated buried cavities 214

Poulin R, Pakalnis RC, Sinding K: Aggregate resources: Production and environmental constraints 221

Rossi P, De Carvalho-Dill A, Müller I, Aragno M: Comparative tracing experiments in a porous aquifer using bacteriophages and fluorescent dye on a test field located at Wilerwald (Switzerland) and simultaneously

surveyed in detail on a local scale by radio-magneto-tellury (12–240 kHz) 192
Rovey II CW, Borucki MK: Bluff evolution and long-term recession rates, southwestern Lake Michigan 256
Shaqour F: Hydrogeologic role in sinkhole development in the desert of Kuwait 201
Siegel FR, Slaboda ML, Stanley DJ: Metal pollution loading, Manzalah Lagoon, Nile Delta, Egypt: Implications for aquaculture 89
Singer SF: Environmental hype and hoax 169
Stone AW: Water resources decisions and the American Ground Water Trust 295
Tanaka T, Sunarta N: Relationship between regional changes of soil physical properties and volcanic stratigraphy on the southern slope of Batur volcano in the island of Bali, Indonesia 182
Uma KO, Loehnert EP: Hydraulic conductivity of shallow sandy aquifers: Effects of sedimentologic and diagenetic differences 171
White S: Speleogenesis in aeolian calcarenite: A case study in western Victoria 248
Whitworth TM: Possible impact of shallow interfluve traps on groundwater remediation 30

TITLE INDEX

Original papers

Aggregate resources: Production and environmental constraints: Poulin R, Pakalnis RC, Sinding K 221

Bluff evolution and long-term recession rates, southwestern Lake Michigan: Rovey II CW, Borucki MK 256

Chemical contaminant reactions and assessment of soil cleanup levels for protection of groundwater: Kargbo DM 105

Comparative tracing experiments in a porous aquifer using bacteriophages and fluorescent dye on a test field located at Wilerwald (Switzerland) and simultaneously surveyed in detail on a local scale by radio-magnetotellury (12–240 kHz): Rossi P, De Carvalho-Dill A, Müller I, Aragno M 192

Constraints on mass balance of soil moisture during in situ vitrification: Alexiades V, Jacobs GK, Dunbar NW 83

Contribution of nitrogen and phosphorus by precipitation in the drainage basin of the Santillana Reservoir (Madrid): Lacalle Pareja B, Gómez Artola C, López Vera F 99

Environmental hype and hoax: Singer SF 169

An evaluation of residential air radon concentrations and related variables in southeast Michigan, USA: Kodosky LG 65

Estimation of transmissivity from specific capacity data in fractured carbonate rock aquifer, central Jordan: El-Naqa A 73

Fractionation of phosphorus in the sediments of a tropical estuary: Balchand AN, Nair SM 284

Formation of regolith-collapse sinkholes in southern Illinois: Interpretation and identification of associated buried cavities: Panno SV, Wiebel CP, Heigold PC, Reed PC 214

Geophysical methods application in groundwater natural protection against pollution: Komatina SM 53

Groundwater modeling applied to production well management in a contaminated aquifer: PF Hudak 119

Hydraulic conductivity of shallow sandy aquifers: Effects of sedimentologic and diagenetic differences: Uma KO, Loehnert EP 171

Hydrogeologic investigations of contaminant movement in karst aquifers in the vicinity of a train derailment near Lewisburg, Tennessee: Crawford NC, Ulmer CS 41

Hydrogeologic role in sinkhole development in the desert of Kuwait: Shaqour F 201

Hydrological tracing practice on underground contaminations: Käss WA 23

Influence of karst hydrology on water quality management in southeast South Australia: Emmett AJ, Telfer AL 149

Information derived from soil maps: Areal distribution of bedrock landslide distribution and slope steepness: Lindholm RC 271

Karst terranes and environmental aspects: Assaad FA, Jordan H 228

Metal pollution loading, Manzalah Lagoon, Nile Delta, Egypt: Implications for aquaculture: Siegel FR, Slaboda ML, Stanley DJ 89

Mobility of heavy metals from coal fly ash: Fernández-Turiel JL, de Carvalho W, Cabañas M, Querol X, López-Soler A 264

Nitrate in groundwater and N circulation in eastern Botswana: Lagerstedt E, Jacks G, Sefe F 60

Pollution of limestone aquifer due to urban waste disposal around Raipur, Madhya Pradesh, India: Bodhankar N, Chatterjee B 209

Possible impact of shallow interfluve traps on groundwater remediation: Whitworth TM 30

Pseudosinkhole occurrences in Brasilia, Brazil: Mendonça AF, Pires, ACB, Barros JGC 36

Relationship between regional changes of soil physical properties and volcanic stratigraphy on the southern slope of Batur volcano in the island of Bali, Indonesia: Tanaka T, Sunarta N 182

The role of the state geological surveys in environmental geology: Hagan WW 166

Sediment accumulation rate in the lakes of Kumaun Himalaya, India using ^{210}Pb and ^{222}Ra: Das BK, Singh M, Borkar MD 114

Sediment and water discharge rates of Turkish Black Sea

rivers before and after hydropower dam construction: Hay BJ 276
The South-East Karst Province of South Australia: Grimes KG 134
Speleogenesis in aeolian calcarenite: A case study in western Victoria: White S 248
Substaining water: Population and the future of renewable water supplies: Engelman R 296
Supergene processes on ore deposits—a source of heavy metals: Martyčák K, Zeman J, Vacek-Veselý M 156
Surface hydrology and soil movement in an arid karst: the Nullarbor Plain, Australia: Gillieson DS, Cochrane JA, Murray A 125
Trace metal geochemistry of peat under a sanitary landfill —a reconnaissance: Mathews WH, Bustin RM 14
Upper Holocene sea-level changes: Paleogeographic evolution and its impact on coastal archaeological sites and monuments: Mourtzas ND, Marinos PG 1
Variation of heavy metals in recent sediments from Piratininga Lagoon (Brazil): interpretation of geochemical data with the aid of multivariate analysis: Huang W, Campredon R, Abrao JJ, Bernat M, Latouche C 241
Water resources decisions and the American Ground Water Trust: Stone AW 295

Book reviews

238, 297

Calendar of events

81, 168, 239, 299